

**EDINBORO UNIVERSITY OF PENNSYLVANIA**  
**CURRICULUM REQUIREMENTS**  
 Bachelor of Science  
 Major: Computer Science – Application Track (0493)

Student: \_\_\_\_\_ ID: @ \_\_\_\_\_ Term: \_\_\_\_\_

**I. GENERAL EDUCATION (48 SH)**

SH Grade Date

**A. Skills (12 SH)**

|                                     |   |       |       |
|-------------------------------------|---|-------|-------|
| ENGL101 College Writing Skills      | 3 | _____ | _____ |
| ENGL102 Writ/Research               | 3 | _____ | _____ |
| MATH105 College Algebra             | 3 | _____ | _____ |
| CSCI130 Principles of Programming I | 3 | _____ | _____ |

**B. Core (21 SH)**

|  |   |       |       |
|--|---|-------|-------|
| <b>1. Artistic Expression (3 SH)</b>                       | 3 | _____ | _____ |
| <b>2. World Civilizations (3 SH)</b>                       | 3 | _____ | _____ |
| <b>3. American Civilizations (3 SH)</b>                    | 3 | _____ | _____ |
| <b>4. Human Behavior (3 SH)</b>                            | 3 | _____ | _____ |
| <b>5. Cultural Diversity &amp; Social Pluralism (3 SH)</b> | 3 | _____ | _____ |
| <b>6. Ethics (3 SH)</b>                                    | 3 | _____ | _____ |
| <b>7. Natural Science (3 SH)</b>                           | 3 | _____ | _____ |

**C. Distribution\* (12 SH)**

|   |     |       |       |
|---|-----|-------|-------|
| <b>1. Humanities &amp; Fine Arts (3-6 SH)</b>       | 3-6 | _____ | _____ |
| <b>2. Social &amp; Behavioral Sciences (3-6 SH)</b> | 3-6 | _____ | _____ |
| <b>3. Science &amp; Math* (3-6 SH)</b>              | 3-6 | _____ | _____ |

Six (6) semester hours with the same prefix in one area of Distribution and three (3) semester hours in each of the other two areas of distribution. \*Outside of Computer Science.

**D. Health & Physical Education (3 SH)**

|                              |   |       |       |
|------------------------------|---|-------|-------|
| 1. Health Lecture: _____     | 2 | _____ | _____ |
| And                          |   |       |       |
| 2. Phys. Ed. Activity: _____ | 1 | _____ | _____ |
| Or                           |   |       |       |
| Health Lecture & Activity    | 3 | _____ | _____ |

**II. SPECIALIZATION: COMPUTER SCIENCE\*\* (42 SH)**

SH Grade Date

**A. Required Computer Science Courses (27 SH)**

|                                       |   |       |       |
|---------------------------------------|---|-------|-------|
| CSCI125 Introduction to Computer Sci. | 3 | _____ | _____ |
| CSCI230 Principles of Programming II  | 3 | _____ | _____ |
| CSCI280 Princ. of System Op/Admin     | 3 | _____ | _____ |
| CSCI308 Systems Analysis              | 3 | _____ | _____ |
| CSCI310 Uses of Microcomputers        | 3 | _____ | _____ |
| CSCI312 Computer Architecture         | 3 | _____ | _____ |
| CSCI313 Data Base Management          | 3 | _____ | _____ |
| CSCI320 Business Prog. in COBOL       | 3 | _____ | _____ |
| CSCI330 Object-Oriented Programming   | 3 | _____ | _____ |

**B. Computer Science Electives (15 SH)**

Fifteen semester hours of CSCI courses at the 205 level or higher, which may include at most 3 SH of programming languages. At least 12 SH must be at the 300 level or higher. (CSCI496 **may not** be used to fulfill this requirement.)

|       |       |       |       |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

**III. REQUIRED MATHEMATICS COMPONENT\*\* (15 SH)**

SH Grade Date

|                                 |   |       |       |
|---------------------------------|---|-------|-------|
| MATH208 Essentials of Calculus  | 3 | _____ | _____ |
| MATH270 Discrete Mathematics I  | 3 | _____ | _____ |
| MATH275 Linear Algebra I        | 3 | _____ | _____ |
| MATH300 App Stats/Data Analysis | 3 | _____ | _____ |

**IV. INTERNSHIP\*\*\* (9 SH)**

SH Grade Date

|                    |   |       |       |
|--------------------|---|-------|-------|
| CSCI496 Internship | 9 | _____ | _____ |
|--------------------|---|-------|-------|

\*\*\*Note: Must have at least a 2.5 in major and a 2.0 overall to enroll in CSCI496 Internship. Students may be permitted to substitute three CSCI courses (9 SH) for CSCI496 provided the student has equivalent work experience and received the approval of advisor, chair and dean.

**VI. FREE ELECTIVES (9 SH)**

|       |       |       |       |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

\*\*A grade of C or better must be obtained in all CSCI and MATH courses.

**NOTE: At most 12 computer science semester hours may be transferred into this degree program.**

**TOTAL# (120 SH)**

**#Note: A minimum of 40% (48 semester hours) of the entire program must be upper level courses (300 and above)**

**THIS IS NOT AN OFFICIAL TRANSCRIPT  
OF RECORD**

(Revised: September 2008; Approved: March 2009)  
 (Effective: 200930)

